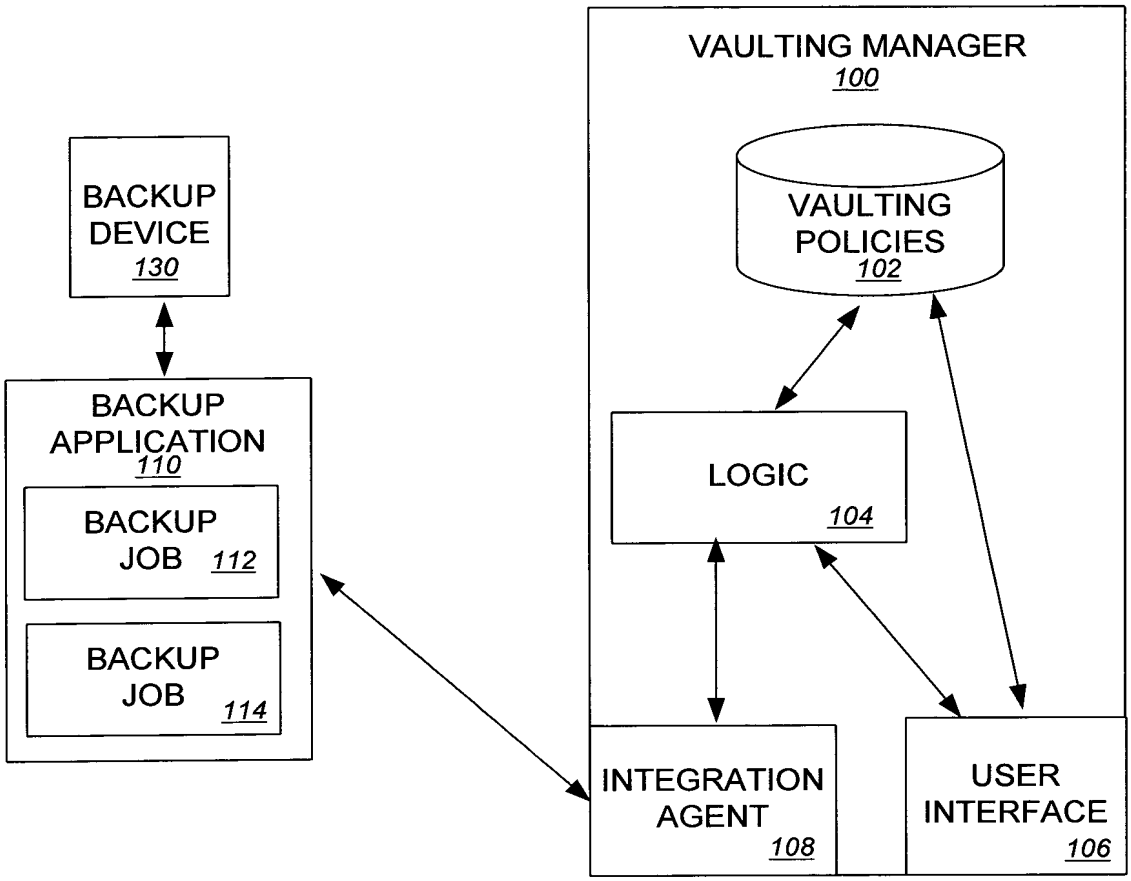

VAULTING MANAGER
100
VAULTING POLICIES
102
LOGIC
104
INTEGRATION AGENT
108
USER INTERFACE
106
BACKUP DEVICE
130
BACKUP APPLICATION
110
BACKUP JOB
112
BACKUP JOB
114

FIG. 1

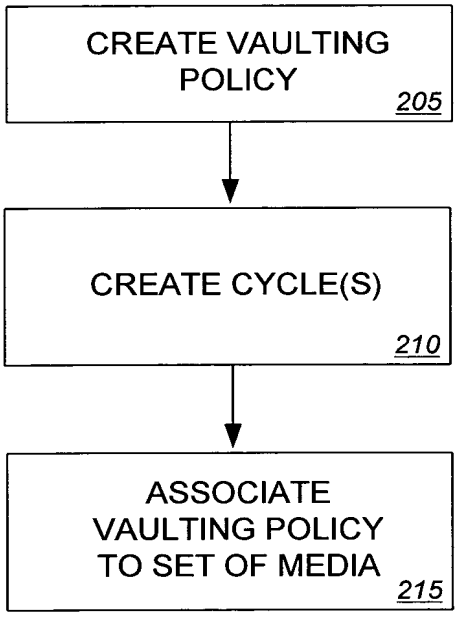

CREATE VAULTING POLICY
205
CREATE CYCLE(S)
210
ASSOCIATE VAULTING POLICY TO SET OF MEDIA
215

**FIG. 2**

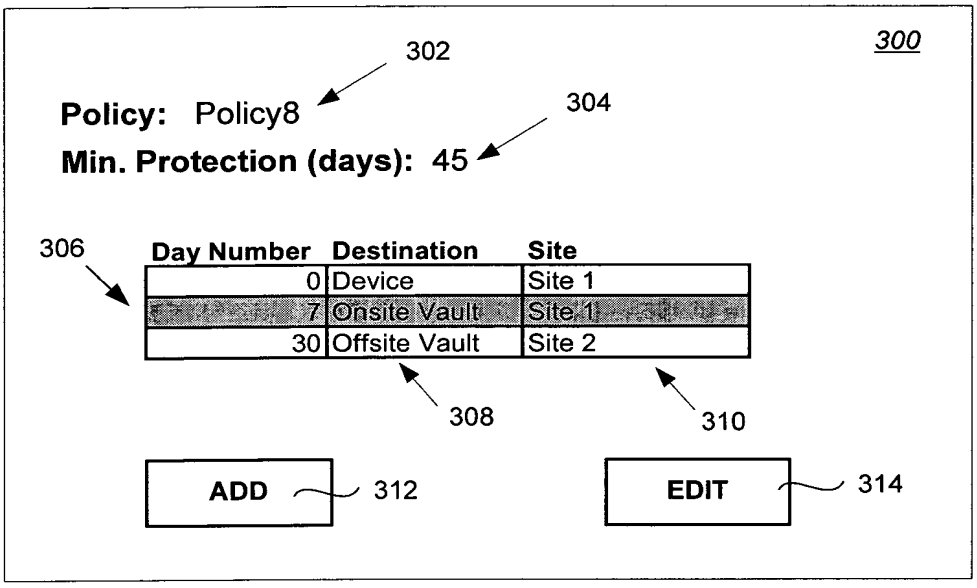

300
302
Policy: Policy8
304
Min. Protection (days): 45
306
Day Number
Destination
Site
0
Device
Site 1
7
Onsite Vault
Site 1
30
Offsite Vault
Site 2
308
310
ADD
312
EDIT
314

FIG. 3

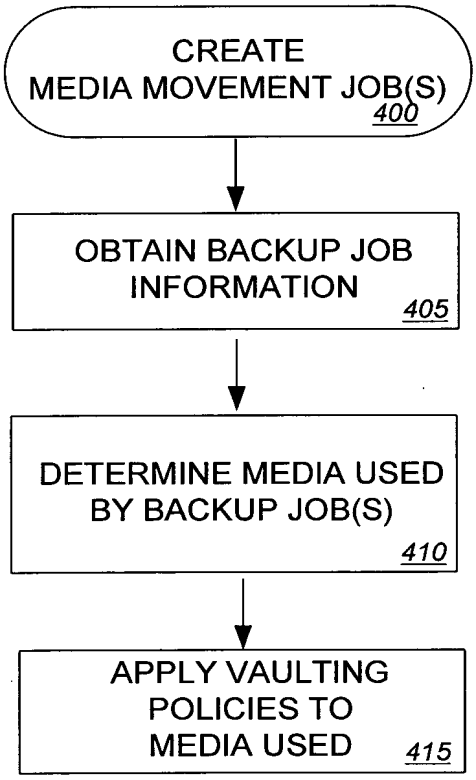

CREATE MEDIA MOVEMENT JOB(S)
400
OBTAIN BACKUP JOB INFORMATION
405
DETERMINE MEDIA USED BY BACKUP JOB(S)
410
APPLY VAULTING POLICIES TO MEDIA USED
415

**FIG. 4**

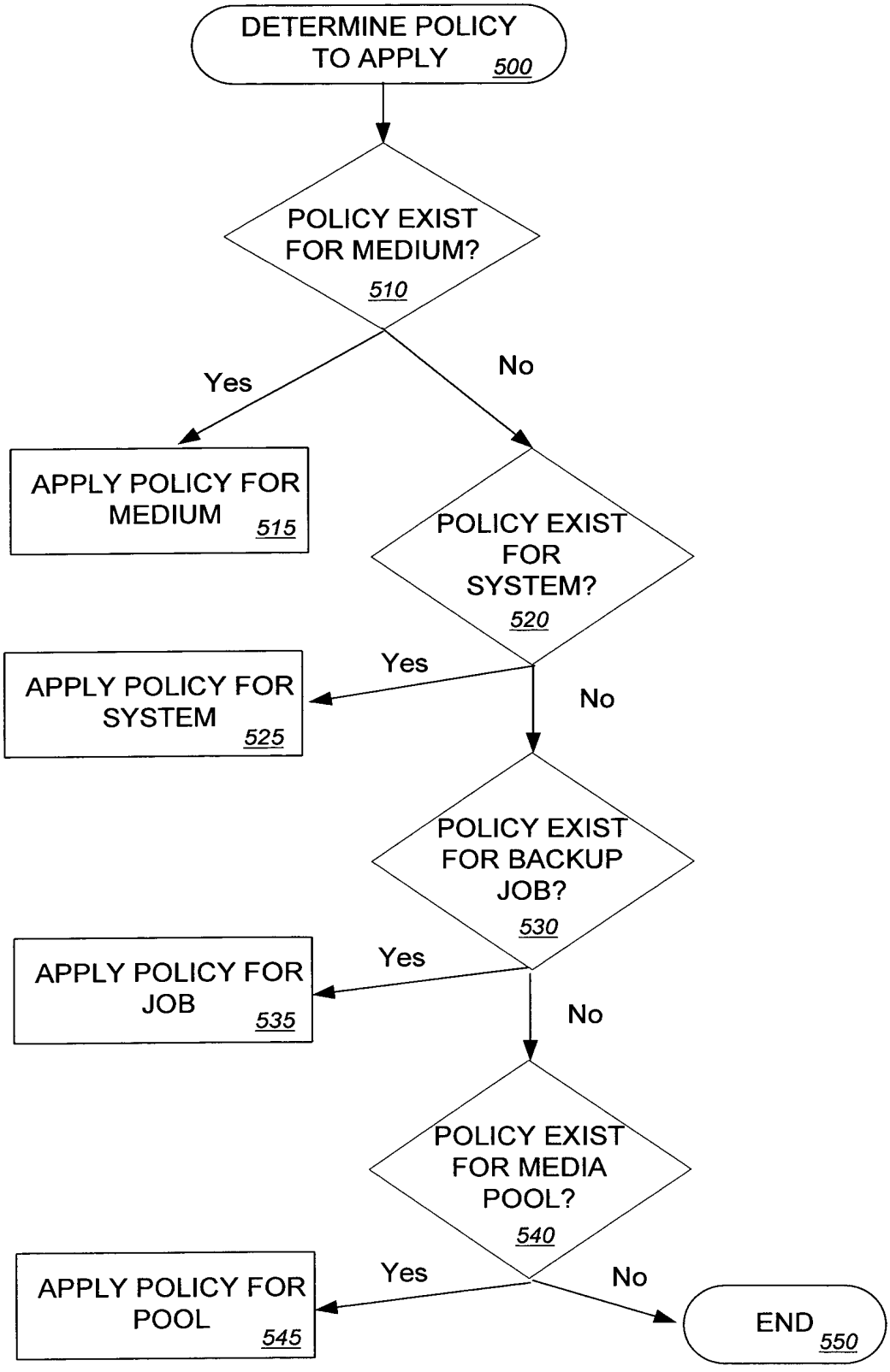
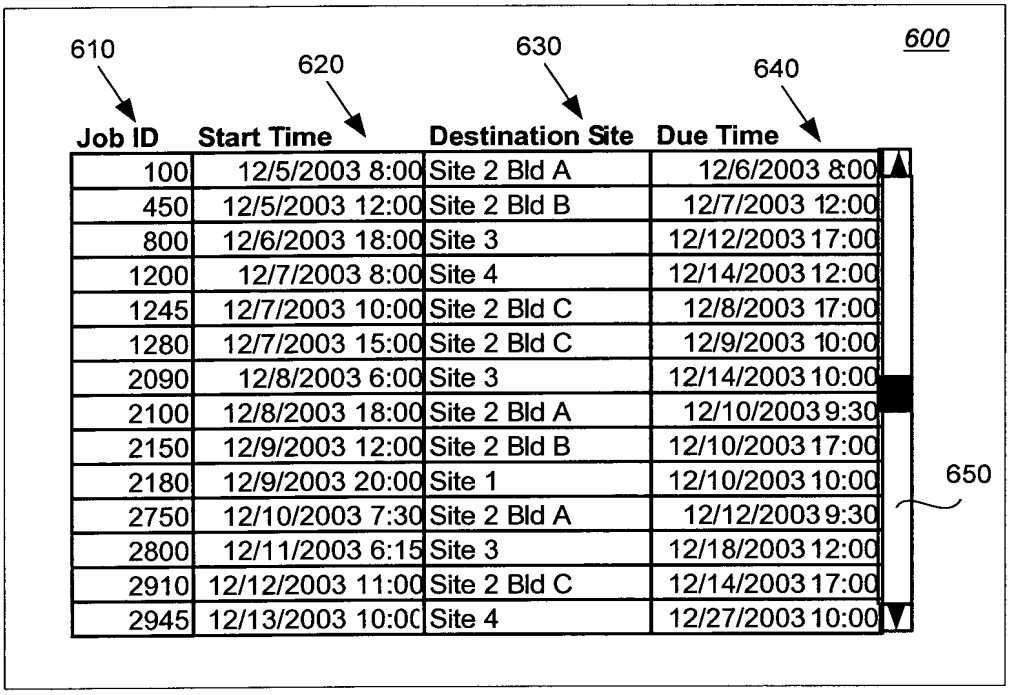

DETERMINE POLICY TO APPLY 500
POLICY EXIST FOR MEDIUM? 510
Yes
No
APPLY POLICY FOR MEDIUM 515
POLICY EXIST FOR SYSTEM? 520
Yes
No
APPLY POLICY FOR SYSTEM 525
POLICY EXIST FOR BACKUP JOB? 530
Yes
No
APPLY POLICY FOR JOB 535
POLICY EXIST FOR MEDIA POOL? 540
Yes
No
APPLY POLICY FOR POOL 545
END 550

**FIG. 5**




| Job ID | Start Time | Destination Site | Due Time |
|---|---|---|---|
| 100 | 12/5/2003 8:00 | Site 2 Bld A | 12/6/2003 8:00 |
| 450 | 12/5/2003 12:00 | Site 2 Bld B | 12/7/2003 12:00 |
| 800 | 12/6/2003 18:00 | Site 3 | 12/12/2003 17:00 |
| 1200 | 12/7/2003 8:00 | Site 4 | 12/14/2003 12:00 |
| 1245 | 12/7/2003 10:00 | Site 2 Bld C | 12/8/2003 17:00 |
| 1280 | 12/7/2003 15:00 | Site 2 Bld C | 12/9/2003 10:00 |
| 2090 | 12/8/2003 6:00 | Site 3 | 12/14/2003 10:00 |
| 2100 | 12/8/2003 18:00 | Site 2 Bld A | 12/10/2003 9:30 |
| 2150 | 12/9/2003 12:00 | Site 2 Bld B | 12/10/2003 17:00 |
| 2180 | 12/9/2003 20:00 | Site 1 | 12/10/2003 10:00 |
| 2750 | 12/10/2003 7:30 | Site 2 Bld A | 12/12/2003 9:30 |
| 2800 | 12/11/2003 6:15 | Site 3 | 12/18/2003 12:00 |
| 2910 | 12/12/2003 11:00 | Site 2 Bld C | 12/14/2003 17:00 |
| 2945 | 12/13/2003 10:00 | Site 4 | 12/27/2003 10:00 |

**FIG. 6**

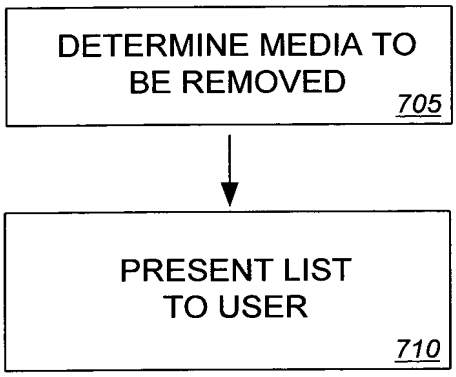

DETERMINE MEDIA TO BE REMOVED
705
PRESENT LIST TO USER
710

FIG. 7

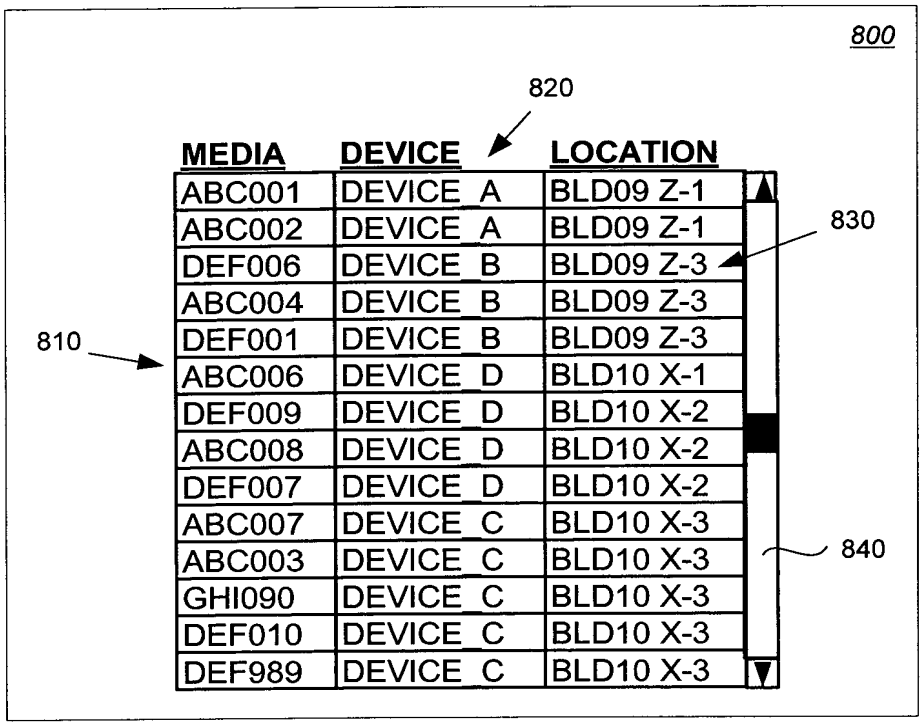

800
820
MEDIA
DEVICE
LOCATION
ABC001 DEVICE_A BLD09 Z-1
ABC002 DEVICE_A BLD09 Z-1
DEF006 DEVICE_B BLD09 Z-3
ABC004 DEVICE_B BLD09 Z-3
DEF001 DEVICE_B BLD09 Z-3
ABC006 DEVICE_D BLD10 X-1
DEF009 DEVICE_D BLD10 X-2
ABC008 DEVICE_D BLD10 X-2
DEF007 DEVICE_D BLD10 X-2
ABC007 DEVICE_C BLD10 X-3
ABC003 DEVICE_C BLD10 X-3
GHI090 DEVICE_C BLD10 X-3
DEF010 DEVICE_C BLD10 X-3
DEF989 DEVICE_C BLD10 X-3
810
830
840

FIG. 8

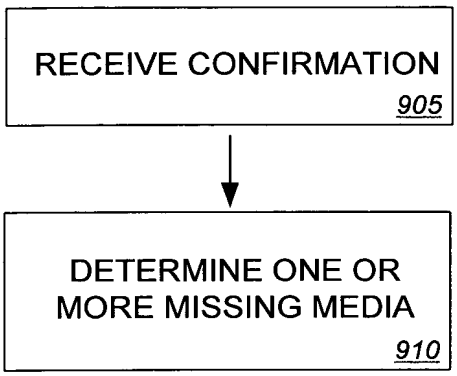

RECEIVE CONFIRMATION
905
DETERMINE ONE OR MORE MISSING MEDIA
910

FIG. 9

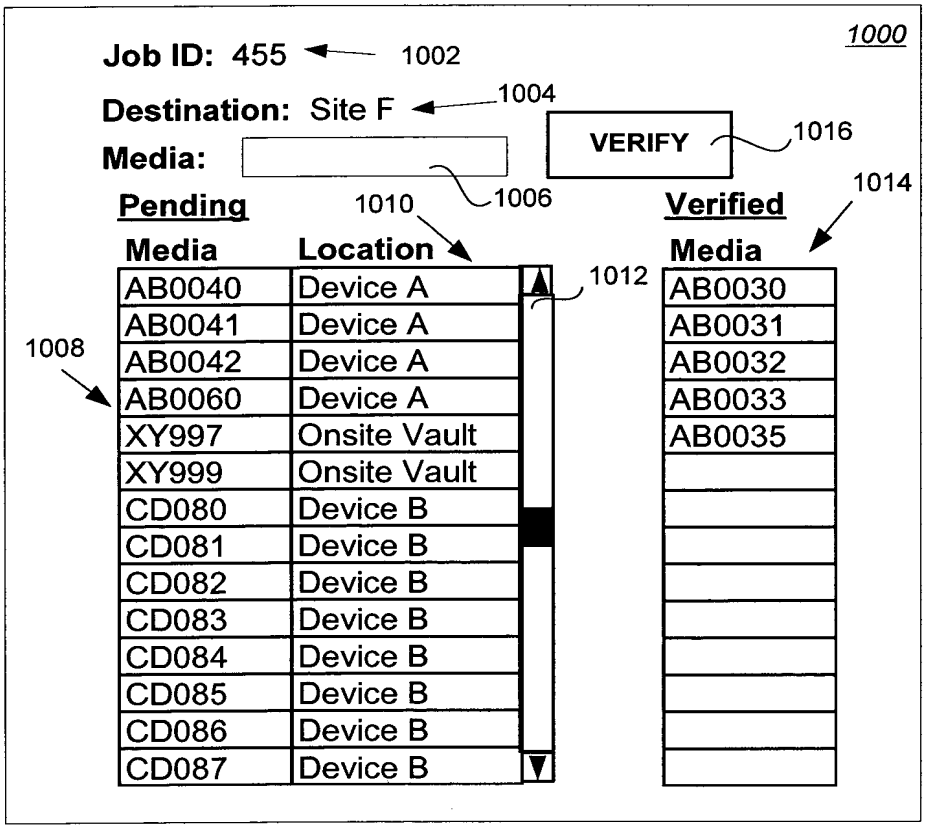

1000
Job ID: 455
1002
Destination: Site F
1004
Media:
VERIFY
1016
1006
1014
Pending
1010
Verified
Media
Location
Media
1012
1008
AB0040 Device A
AB0041 Device A
AB0042 Device A
AB0060 Device A
XY997 Onsite Vault
XY999 Onsite Vault
CD080 Device B
CD081 Device B
CD082 Device B
CD083 Device B
CD084 Device B
CD085 Device B
CD086 Device B
CD087 Device B
AB0030
AB0031
AB0032
AB0033
AB0035

FIG. 10